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**Agenda Item #4461**

**WATER/SNR/PTL/LEP/TKM:jlj**

**PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA**

**WATER DIVISION**

**RESOLUTION NO. W-4531**

**April 21, 2005**

**R E S O L U T I O N**

**(RES. W- 4531), MESA CREST WATER COMPANY (MCWC). ORDER  
AUTHORIZING A GENERAL RATE INCREASE PRODUCING AN  
ADDITIONAL ANNUAL REVENUE OF \$70,682 OR 8.4% IN 2004 AND  
AN ADDITIONAL \$49,573 OR 5.4% IN 2005.**

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**SUMMARY**

By Draft Advice Letter, filed on July 1, 2004, MCWC seeks an increase in rates for water service to recover increased expenses of operation and earn an adequate return on its plant investment. For Test Year 2004, this resolution grants an increase in gross annual revenues of \$70,682 or 8.4% and an additional annual revenue of \$49,573 or 5.4% in Test Year 2005 which is estimated to provide a return on rate base of 11.3%.

**BACKGROUND**

MCWC, a Class C water utility, has requested authority under Section VI of General Order 96-A and Section 454 of the Public Utilities Code to increase its water rates by \$155,671 or 18.53% for test year 2004 and by an additional \$107,694 or 10.82% for test year 2005. The purpose of the rate increase is to recover increased operating expenses and to provide an adequate rate of return. MCWC's request shows 2004 gross revenues of \$839,982 at present rates, increasing to \$995,654 at proposed rates and to \$1,103,350 in 2005. MCWC is requesting a return-on-rate-base of 11.3%.

The last general rate increase (GRC) for MCWC was granted on October 12, 1994, per Res. No. W-3885, which authorized an increase of \$75,615 or 13.5% for test year 1994. MCWC was also authorized three Consumer Price Index (CPI) increases since their last GRC. The first CPI increase was for \$17,291 or 2.5% authorized in January 1997 followed by a CPI increase of \$13,107 or 1.7% in February 1999, and a CPI increase of \$13,623 or 1.6% in January 2003. The purpose of the CPI increases is to offset inflation as authorized by Decision (D.) 92-03-093.

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MCWC is a California Corporation providing water service to the community of La Canada, Los Angeles County. The service area consists of approximately 600 acres, known as Mesa Crest, located north of and adjacent to the Los Angeles National Forest in or near the City of La Canada Flintridge. MCWC has 707 metered connections in an area that has been fully developed for several decades and does not expect to add any new customers.

The water system includes a Metropolitan Water District (MWD) connection through the Foothill Municipal Water District from which MCWC purchases all of its water supply. MCWC does not have groundwater pumping rights in the Raymond Basin as do the surrounding water utilities, and subsequently, pays more for water supply than the surrounding utilities. MCWC presently has five steel reservoirs in its water system and has identified major upgrades that need to be performed to maintain reliability and safety of the system. The water system has five booster pumps ranging from 15 to 100 horsepower along with five reservoirs with a total capacity of 3.5 million gallons. The system has 55,587 feet of water main.

### **DISCUSSION**

The Water Branch (Branch) made an independent analysis of MCWC's operations and issued its report in December 2004. Appendix A shows MCWC's and the Branch's estimated summary of earnings at present, proposed, and recommended rates for test year 2004 and 2005. Following discussions, MCWC and the Branch agreed to the 2004 and 2005 summary of earnings at the Branch recommended rates shown in Appendix A. The 11.3% rate of return requested by MCWC is within the range authorized by the Commission for a class C utility.

The major differences in expenses were in transportation expenses, employee pension and benefits, office supplies and expenses, insurance, and regulatory commission expenses.

The major differences in MCWC's rate base were in plant, and accumulated depreciation. A large portion of MCWC's system is approaching 50 years of age and is in need of replacement or major maintenance in order to avoid unplanned service interruption. MCWC is seeking approval of a 3-year (2004 thru 2006) capital improvement plan for the renovation of four existing steel reservoirs and other water system improvements as stated below. Branch recommends that when the utility completes the plant improvements it should file an Advice Letter to recover costs associated with the plant improvements but such improvements should not exceed \$300,000 in any year for the plant approved in this GRC to minimize the impact on

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ratepayers. Branch agrees with the proposed capital improvement plan but recommends that the reasonableness of costs be reviewed by the Water Division once the advice letter is filed.

**Proposed Capital Improvement Plan for  
Test Year 2004**

Item No.	Description/Category	Project	BRANCH	MCWC
1	Reservoirs	Meadows South	Deferred to 2005 Advice Letter	\$145,430
2	Booster Station	Meadowview	Deferred to 2005	\$20,000
3	Interconnection	La Canada Irrigation District	Deferred to 2007 Advice Letter	\$60,000
4	Main Replacement	Glen Eagle	Deferred to 2005	\$44,000
5	Main Replacement	Evening Canyon	Deferred to 2005 Advice Letter	\$10,000
6	Meter Replacement	Various	\$3000	\$5,000
7	Other Capital Items	SCADA System	Deferred to 2005 Advice Letter	\$25,000

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**Proposed Capital Improvements for  
Test Year 2005**

<b>Item No</b>	<b>Description</b>	<b>Project</b>	<b>BRANCH</b>	<b>MCWC</b>
<b>1</b>	<b>Reservoirs</b>	<b>Forest Green (2 Mil)</b>	<b>Deferred to 2006 Advice Letter</b>	<b>\$295,800</b>
<b>2</b>	<b>Booster Station</b>	<b>Starlight Crest</b>	<b>Deferred to 2006 Advice Letter</b>	<b>\$20,000</b>
<b>3</b>	<b>Main Replacement</b>	<b>Red Willow</b>	<b>Deferred to 2007 Advice Letter</b>	<b>\$20,000</b>
<b>4</b>	<b>Meter Replacement</b>	<b>Various</b>	<b>\$3000</b>	<b>\$5,000</b>
<b>5</b>	<b>Other Capital Items</b>	<b>Site Improvements</b>	<b>0</b>	<b>\$10,000</b>

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**Proposed Capital Improvement Plan for  
Year 2006**

Item No	Description	Project	BRANCH	MCWC
1	Reservoirs	Forest Green (250K)	Deferred to 2007 Advice Letter	\$125,000
2	Booster Station	Hampton	Deferred to 2007 Advice Letter	\$20,000
3	Main Replacement	Hampton Road	Completed in 2004	\$9,000
4	Meter Replacement	Various	\$3000 Advice Letter	\$5,000
5	Other Capital Items	Site Improvements	0	\$10,000

Based on current rates, MCWC's annual revenue for the test year 2004 is \$910,666 and \$960,239 for test year 2005. At the recommended rate of return, the increase in revenue will be \$70,682 or 8.4% for test year 2004, and \$49,573 or 5.4% for test year 2005.

The summary of earnings in Appendix A shows Branch's recommended return-on-rate base of 11.3%, which is adopted by the Commission.

D.92-03-093 allows Class C utilities to recover up to 65% of fixed costs in their readiness-to-serve charge. The rates shown in Appendix B recover 65% of the utility's fixed cost. MCWC's rate structure consists of two schedules: Nos. 1, Metered Service, and 4, Private Fire Service. The new rate schedules appear in Appendix B.

At the Branch's recommended rates shown in Appendix B, the bill for a typical residential customer with a 1-inch meter using 3,200 cubic feet of water will increase from \$100.32 to \$109.40 per month, or 9.1% in test year 2004 and to \$115.32 or 5.4% in test year 2005. A comparison of customer bills at present and recommended rates is

shown in Appendix C. The adopted quantities and tax calculations are shown in Appendix D. MCWC has requested that the Safe Drinking Water Bond surcredit be deleted since the company stopped issuing the credit in June 2003.

The Branch staff reviewed operating revenues, and expenses, including salaries and contracting fees, purchased power, insurance expenses, income, and other taxes. Staff verified the operating expenses by reviewing supporting documents for substantiation and accuracy, and included the amounts that were deemed reasonable and prudent.

### **NOTICE AND PUBLIC MEETING**

A notice of the proposed rate increase was published on the La Canada Valley Sun on August 26, 2004. The Branch and MCWC received one letter from the Mesa Crest Customers Steering Committee, protesting the rate increase. The Consumer Affairs Branch has not received any complaints. A public meeting was held Tuesday, September 21, 2004, at 7 p. m. at the La Crescenta Sheriff Station, 4554 Briggs Avenue, La Crescenta, CA. The meeting began at 7:10 p.m. with about 15 customers present. MCWC is a class C utility with approximately 700 connections in the city of La Canada.

Mr. Peter Liu, Branch Project Manager, explained Commission procedures and the purpose of the meeting. Mr. Christian Aldinger, consultant for MCWC, gave a presentation on the need for the rate increase and stated that the increased water and energy costs and the Department of Health Services-mandated improvements to the system were the main reasons for the rate increase. The customers were satisfied with the increase but felt that MCWS should have anticipated the need for the system improvements before and should have saved money instead of asking the customers to pay for them. Mr. Liu stated that it had been 10 years since the company had requested a rate increase and that the customers may have received lower rates because the company had not asked for a rate increase. Some customers brought up the proposed sale to Cal-Michigan and wanted to postpone the sale. The customers were told that the sale had been approved, and it was beyond the scope of the instant general rate increase advice letter.

### **COMPLIANCE**

MCWC, in Res. W-4381, was authorized to borrow up to \$250,000 for re-coating and strengthening of three of MCWC's wells and was ordered to file with the Water Division a copy of the loan agreement and mortgage note; MCWC complied with the order. MCWC was also ordered to notify the Water Division of the completion of the re-coating project and to submit a summary detailing the amount of loan receipts and

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disbursements related to this project. The company has not completed the project and estimates the project will not be completed until 2006. The utility has been filing annual reports as required. However, MCWC needs to update their Preliminary Statement, Schedules UF, PUC Reimbursement Fee, and LC, Late Payment Charge; and Tariff Rules 3, Application for Service; 5, Special Information Required on Forms; 7, Deposits; 9, Rendering and Payment of Bills; 10, Disputed Bills; and 11, Discontinuance and Restoration of Service. It also needs to update Forms 2, Customer's Deposit Receipt; 3, Bill for Service; and the Connection Fee Data Form.

The Branch recommends that the Commission authorize a rate increase of \$70,682 or 8.4% for test year 2004 and an additional \$49,573 or 5.4% for test year 2005. This will increase estimated annual revenues from \$839,982 to \$910,666 in test year 2004 and \$960,239 in test year 2005 at recommended rate of return as shown in Appendix A. This increase will produce a rate of return of 11.3%.

### **FINDINGS**

1. The Branch's recommended Summary of Earnings shown in Appendix A is reasonable and should be adopted.
2. The rates recommended by the Branch (Appendix B) are reasonable and should be adopted.
3. The quantities (Appendix D) used to develop the Branch's recommendations are reasonable and should be adopted.
4. MCWC should notify the Commission upon the completion of the re-coating project and submit a summary detailing the amount of loan receipts and disbursements related to the project.
5. MCWC has justified its proposed capital improvement plan that would increase its rate base in 2005, 2006, and 2007 for up to a maximum of \$300,000 per year. MCWC should be authorized to file advice letters for the plant additions, but not to exceed \$300,000 per year.
6. MCWC should update the following rules in its tariff book: Preliminary Statement, Schedules UF, PUC Reimbursement Fee, and LC, Late Payment Charge; and Tariff Rules 3, Application for Service; 5, Special Information Required on Forms; 7, Deposits; 9, Rendering and Payment of Bills; 10, Disputed Bills; and 11,

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Discontinuance and Restoration of Service. It also needs to update Forms 2, Customer's Deposit Receipt; 3, Bill for Service; and the Connection Fee Data Form.

7. This is an uncontested matter subject to the public notice comment exclusion provided in the PU Code Section 311(g)(3).

**THEREFORE IT IS ORDERED THAT:**

1. Authority is granted under Public Utilities Code Section 454 to Mesa Crest Water Company, to file an advice letter incorporating the summary of earnings and the revised rate schedule attached to this resolution as Appendices A and B, respectively, and concurrently cancel its presently effective rate Schedules Nos. 1, Metered Service, and 4, Private Fire Service. The effective date of the revised schedules shall be five days after the date of filing.
2. Mesa Crest Water Company shall notify the Water Division upon the completion of the re-coating project and submit a summary detailing the amount of loan receipts and disbursements related to the project.
3. Mesa Crest Water Company shall update the following rules in its tariff book: Preliminary Statement, Schedule UF and Schedule LC (Late Payment Charge), and Rule 3, 5, 7, 9, 10, and 11, and Forms 2, Application for Water Service, and 3, Bill for Service, and Connection Fee Data Form.
4. Mesa Crest Water Company is authorized to file one advice letter per year in 2005, 2006, and 2007, seeking authorization to include in rate base plant additions set forth in its proposed capital improvement plan as tabulated in this resolution, and receive a corresponding rate adjustment for the additional rate base. However, the plant additions requested for rate base offset shall not exceed \$300,000 in one year. Water Division shall verify that the plant additions have been completed and placed in service. To the extent MCWC's advice letter filings are compliant with this resolution, the rate adjustments shall be effective on regular statutory notice.



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5. This resolution is effective today.

I certify that the foregoing resolution was duly introduced, passed, and adopted at a conference of the Public Utilities Commission of the State of California held on April 21, 2005; the following Commissioners voting favorably thereon:

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STEVE LARSON  
Executive Director

		Appendix A			
		Mesa Crest Water Company			
		Summary of Earnings			
		Test Year 2004			
	Utility Estimated		Branch Estimated		Branch
	Present	Proposed	Present	Proposed	Recommended
	Rates	Rates	Rates	Rates	Rates
Operating revenues					
Metered water revenue	839,982	995,654	839,984	994,386	910,666
Other revenue	-	-	-	-	-
Total revenue	839,982	995,654	839,984	994,386	910,666
Oper. & Maint. Exp:					
Purchased water	376,848	376,848	376,848	376,848	376,848
Power	91,382	91,382	91,382	91,382	91,382
Other volume related exp.	-	-	-	-	-
Employee labor	80,849	80,849	80,849	80,849	80,849
Materials	6,816	6,816	6,816	6,816	6,816
Contract work	24,489	24,489	24,489	24,489	24,489
Transportation expenses	14,724	14,724	10,975	10,975	10,975
Other plant maintenance	2,009	2,009	2,009	2,009	2,009
Office salaries	8,840	8,840	8,840	8,840	8,840
Management salaries	26,000	26,000	26,000	26,000	26,000
Employee pens. & benefits	31,698	31,698	18,787	18,787	18,787
Uncollectibles expense	1,500	1,500	1,000	1,000	1,000
Office services & rentals	20,560	20,560	20,560	20,560	20,560
Office suplies and expenses	20,611	20,611	17,038	17,038	17,038
Professional services	9,335	9,335	9,335	9,335	9,335
Insurance	54,876	54,876	55,656	55,656	55,656
Regulatory comm. expense	5,919	5,919	4,300	4,300	4,300
General expenses	3,729	3,729	3,729	3,729	3,729
Total operating expenses	780,185	780,185	758,613	758,613	758,613
				-	
Depreciation	38,315	38,315	34,570	34,570	34,570
Taxes Other than Income	27,436	27,436	23,249	23,249	23,249
State tax	800	13,235	1,244	14,893	7,492
Federal income tax	-	46,859	1,924	43,146	14,518
Total deductions	846,736	906,030	819,600	874,471	838,442
Net Revenue	(6,754)	89,624	20,384	119,915	72,223
Rate Base:					
Average plant	1,972,670	1,972,670	1,819,490	1,819,490	1,819,490
Average accum. dep.	1,109,464	1,109,464	1,107,591	1,107,591	1,107,591
Net plant	863,206	863,206	711,899	711,899	711,899
Plus working cash	65,015	65,015	65,015	65,015	65,015
Less: Advances	-	-	-	-	-
Contributions	60,454	60,454	60,454	60,454	60,454
Deferred Income Taxes	60,221	60,221	60,221	60,221	60,221
Unamortized Investment Tax	14,330	14,330	14,330	14,330	14,330
Rate Base	793,216	793,216	641,909	641,909	641,909
Rate of Return	-0.85%	11.3%	3.2%	18.7%	11.3%

	Appendix A				
	Mesa Crest Water Company				
	Summary of Earnings				
	Test Year 2005				
	Utility Estimated		Branch Estimated		Branch
	Present	Proposed	Present	Proposed	Recommended
	Rates	Rates	Rates	Rates	Rates
Operating revenues					
Metered water revenue	839,982	1,103,350	839,984	1,102,891	960,239
Other revenue	-	-	-	-	-
Total revenue	839,982	1,103,350	839,984	1,102,891	960,239
Oper. & Maint. Exp:					
Purchased water	401,407	401,407	401,407	401,407	401,407
Power	91,382	91,382	91,382	91,382	91,382
Other volume related exp.	-	-	-	-	-
Employee labor	84,891	84,891	84,891	84,891	84,891
Materials	6,952	6,952	6,952	6,952	6,952
Contract work	24,979	24,979	24,979	24,979	24,979
Transportation expenses	15,019	15,019	11,195	11,195	11,195
Other plant maintenance	2,451	2,451	2,049	2,049	2,049
Office salaries	8,840	8,840	8,840	8,840	8,840
Management salaries	26,000	26,000	26,000	26,000	26,000
Employee pens. & benefits	31,981	31,981	18,989	18,989	18,989
Uncollectibles expense	1,500	1,500	1,000	1,000	1,000
Office services & rentals	20,971	20,971	20,971	20,971	20,971
Office supplies and expenses	21,023	21,023	17,379	17,379	17,379
Professional services	9,522	9,522	9,522	9,522	9,522
Insurance	55,974	55,974	58,200	58,200	58,200
Regulatory comm. expense	5,919	5,919	4,300	4,300	4,300
General expenses	3,804	3,804	3,804	3,804	3,804
Total operating expenses	812,615	812,615	791,860	791,860	791,860
				-	
Depreciation	49,812	49,812	36,300	36,300	36,300
Taxes Other than Income	31,059	31,059	31,059	27,436	31,059
State tax	800	18,552	800	21,047	8,117
Federal income tax	-	65,683	-	67,897	16,708
Total deductions	894,286	977,721	860,019	944,540	884,043
Net Revenue	(54,304)	125,629	(20,035)	158,351	76,196
Rate Base:					
Average plant	2,358,750	2,358,750	1,910,490	1,910,490	1,910,490
Average accum. dep.	1,156,941	1,156,941	1,146,440	1,146,440	1,146,440
Net plant	1,201,809	1,201,809	764,050	764,050	764,050
Plus working cash	67,718	67,718	67,718	67,718	67,718
Less: Advances	-	-	-	-	-
Contributions	57,040	57,040	57,040	57,040	57,040
Deferred Income Taxes	87,013	87,013	87,013	87,013	87,013
Unamortized Investment Tax	13,520	13,520	13,520	13,520	13,520
Rate Base	1,111,954	1,111,954	674,195	674,195	674,195
Rate of Return	-4.88%	11.3%	-3.0%	23.5%	11.3%

**APPENDIX B**  
**Mesa Crest Water Company**  
**Schedule No. 1**  
**METERED SERVICE**  
**Test Year 2004**

**APPLICABILITY**

Applicable to all metered water service.

**TERRITORY**

The vicinity of La Canada, Los Angeles County.

**RATES**

Quantity Rates:

All water, per 100 cu. ft.	\$ 2.364	(R)
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Service Charge:

	Per Meter	
	<u>Per Month</u>	
For 5/8 x 3/4-inch meter	\$ 13.50	(I)
For 3/4-inch meter	\$ 20.25	
For 1-inch meter	\$ 33.75	
For 1-1/2-inch meter	\$ 67.50	
For 2-inch meter	\$108.00	
For 3-inch meter	\$202.50	
For 4-inch meter	\$337.50	(I)

The Service Charge is applicable to all metered service. It is a readiness-to-serve charge to which is added the charge, computed at the Quantity Rate, for water used during the month.

**SPECIAL CONDITIONS**

(D)

1. All bills are subject to the reimbursement fee set forth in Schedule No. UF.

**APPENDIX B**  
**Mesa Crest Water Company**  
**Schedule No. 1**  
**METERED SERVICE**  
**Test Year 2005**

**APPLICABILITY**

Applicable to all metered water service.

**TERRITORY**

The vicinity of La Canada, Los Angeles County.

**RATES**

Quantity Rates:

All water, per 100 cu. ft.	\$ 2.364	(R)
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Service Charge:

	Per Meter	
	<u>Per Month</u>	
For 5/8 x 3/4-inch meter	\$ 14.00	(I)
For 3/4-inch meter	\$ 21.00	
For 1-inch meter	\$ 35.00	
For 1-1/2-inch meter	\$ 70.00	
For 2-inch meter	\$112.00	
For 3-inch meter	\$210.00	
For 4-inch meter	\$350.00	(I)

The Service Charge is applicable to all metered service. It is a readiness-to-serve charge to which is added the charge, computed at the Quantity Rate, for water used during the month.

**SPECIAL CONDITIONS**

(D)

1. All bills are subject to the reimbursement fee set forth in Schedule No. UF

**APPENDIX B**  
**Mesa Crest Water Company**  
**Schedule No. 4**  
**PRIVATE FIRE SERVICE**  
**Test Year 2004**

**APPLICABILITY**

Applicable to all metered water service.

**TERRITORY**

The vicinity of La Canada, Los Angeles County.

**RATES**

Service Charge:

	<u>Per Month</u>
For 4-inch service	\$ 21.15 (I)
For 6-inch service	\$ 31.75 (I)

**SPECIAL CONDITIONS**

1. The fire protection connection shall be installed by the utility and the cost paid by the applicant. Such payment shall not be subject to refund.
2. The minimum diameter for fire protection service shall be four inches, and the maximum diameter shall be not more than the diameter of the main to which the service is connected.
3. If a distribution main of adequate size to serve a private fire protection system in addition to all other normal service does not exist in the street or alley adjacent to the premises to be served, then a service main from the nearest existing main of adequate capacity shall be installed by the utility and the cost paid by the applicant. Such payment shall not be subject to a refund.
4. Services here under is for private fire protection systems to which no connection for other than fire protection purposes are allowed and which are regularly inspected by the underwriters having jurisdiction, are installed according to specification of the utility, and are maintained.

**APPENDIX B**  
**Mesa Crest Water Company**  
**Schedule No. 4**  
**PRIVATE FIRE SERVICE**  
**Test Year 2005**

**APPLICABILITY**

Applicable to all metered water service.

**TERRITORY**

The vicinity of La Canada, Los Angeles, County.

**RATES**

Service Charge:

	<u>Per Month</u>
For 4 inch service	\$ 23.43 (I)
For 6 inch service	\$ 35.19 (I)

**SPECIAL CONDITIONS**

5. The fire protection connection shall be installed by the utility and the cost paid by the applicant. Such payment shall not be subject to refund.
6. The minimum diameter for fire protection service shall be four inches, and the maximum diameter shall be not more than the diameter of the main to which the service is connected.
7. If a distribution main of adequate size to serve a private fire protection system in addition to all other normal service does not exist in the street or alley adjacent to the premises to be served, then a service main from the nearest existing main of adequate capacity shall be installed by the utility and the cost paid by the applicant. Such payment shall not be subject to a refund.
8. Services here under is for private fire protection systems to which no connection for other than fire protection purposes are allowed and which are regularly inspected by the underwriters having jurisdiction, are installed according to specification of the utility, and are maintained.

**(END OF APPENDIX B)**

**APPENDIX C**  
**Mesa Crest Water Company**  
**COMPARISON OF RATES**  
**Test Year 2004**

	<u>Present Rates</u>	<u>Recommended Rates</u>	<u>Percent Increase (Decrease)</u>
<b>Quantity Charge:</b>			
For all water, per 100 cu.ft.	\$2.556	2.364	(7.5%)

**Monthly Service Charges:**

For 5/8 x 3/4 - inch meter	\$ 7.42	\$ 13.50	82.0%
For 3/4 - inch meter	\$ 11.12	\$ 20.25	82.1%
For 1 - inch meter	\$ 18.53	\$ 33.75	82.1%
For 1½ inch meter	\$ 37.07	\$ 67.50	82.1%
For 2 - inch meter	\$ 59.31	\$ 108.00	82.1%
For 3 - inch meter	\$ 111.21	\$ 202.50	82.1%
For 4 - inch meter	\$ 185.35	\$ 337.50	82.1%

**Private Fire Service:**

For 4-inch service	\$ 17.84	\$ 21.15	18.6%
For 6-inch service	\$ 28.79	\$ 31.75	10.3%

A monthly bill comparison for a customer with a 1-inch meter is shown below:

<u>Usage 100 cu. ft.</u>	<u>Present Rates</u>	<u>Recommended Rates</u>	<u>Amount Increase</u>	<u>Percent Increase</u>
10	\$ 44.09	\$ 57.40	\$13.31	30.2%
20	69.60	81.03	11.43	16.4%
30	95.21	104.67	9.46	9.9%
32 (avg.)	100.32	109.40	9.08	8.3%
40	120.77	128.31	7.54	5.9%



**APPENDIX C**  
**Mesa Crest Water Company**  
**COMPARISON OF RATES**  
**Test Year 2005**

	<u>Present Rates</u>	<u>Recommended Rates</u>	<u>Percent Increase (Decrease)</u>
<b>Quantity Charge:</b>			
For all water, per 100 cu.ft.	\$2.556	2.51	(1.8%)

**Monthly Service Charges:**

For 5/8 x 3/4 - inch meter	\$ 7.42	\$ 14.00	88.7%
For 3/4 - inch meter	\$ 11.12	\$ 21.00	88.8%
For 1 - inch meter	\$ 18.53	\$ 35.00	88.9%
For 1½ inch meter	\$ 37.07	\$ 70.50	88.8%
For 2 - inch meter	\$ 59.31	\$ 112.00	88.8%
For 3 - inch meter	\$ 111.21	\$ 210.00	88.8%
For 4 - inch meter	\$ 185.35	\$ 350.50	88.8%

**Private Fire Service:**

For 4-inch service	\$ 17.84	\$ 23.435	23.9%
For 6-inch service	\$ 28.79	\$ 35.19	22.2%

A monthly bill comparison for a customer with a 1-inch meter is shown below:

<u>Usage 100 cu. ft.</u>	<u>Present Rates</u>	<u>Recommended Rates</u>	<u>Amount Increase</u>	<u>Percent Increase</u>
10	44.09	60.10	16.01	36.3%
20	69.60	85.20	15.60	22.4%
30	95.21	110.30	15.09	15.8%
32 (avg.)	100.32	115.32	15.00	15.0%
40	120.77	135.40	14.63	12.1%

**(END OF APPENDIX C)**

**APPENDIX D**  
**Page 1 of 3**  
**Mesa Crest Water Company**  
**ADOPTED QUANTITIES**  
Test Year 2004

**Purchased Power**

Southern California Edison  
Schedule PA-1

Total Energy Cost	\$91,382
Total kWh	811,240
Average Unit Cost \$/kWh	\$0.1126

Purchased Water	\$376,848
Water Sales Ccf	306,384

**Payroll**

Employee Labor	\$80,849
Office Salaries	8,840
Management Salaries	26,000

Payroll Taxes	\$10,062
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**Service Connections**

Meter Size	
5/8 x 3/4"	134
3/4"	1
1"	548
1 1/2"	12
2"	10
3"	<u>2</u>
Total Metered	707
	===

**APPENDIX D**  
**Page 2 of 3**  
**Mesa Crest Water Company**  
**ADOPTED QUANTITIES**  
Test Year 2005

**Purchased Power**

Southern California Edison  
Schedule PA-1

Total Energy Cost	\$91,382
Total kWh	811,240
Average Unit Cost \$/kWh	\$0.1126

Purchased Water	\$401,407
Water Sales Ccf	270,028

**Payroll**

Employee Labor	\$84,891
Office Salaries	8,840
Management Salaries	26,000

Payroll Taxes	\$10,313
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**Service Connections**

Meter Size	
5/8 x 3/4"	134
3/4"	1
1"	548
1 1/2"	12
2"	10
3"	<u>2</u>
Total Metered	707
	===

**APPENDIX D**  
**Page 3 of 3**  
**Mesa Crest Water Company**  
**ADOPTED TAX CALCULATIONS**  
Test Year 2004

State Tax Rate:	8.84%
Federal Tax Rate:	15% for 1 <sup>st</sup> \$50,000 taxable income
	25% for next \$25,000 taxable income
	34% for next \$25,000 taxable income
	39% above
Operating Revenues	\$ 910,666
Expenses	\$ 758,613
Depreciation	\$ 34,570
Taxes other than Income	\$ 23,249
Interest	\$ 9,482
Taxable Income for State	\$ 84,752
State tax	\$ 7,492
Taxable Income for Federal	\$ 77,260
Federal tax	\$ 14,518

**ADOPTED TAX CALCULATIONS**  
Test Year 2005

Operating Revenues	\$ 960,239
Expenses	\$ 791,860
Depreciation	\$ 36,300
Taxes other than Income	\$ 31,059
Interest	\$ 9,204
Taxable Income for State	\$ 91,816
State tax	\$ 8,117
Taxable Income for Federal	\$ 83,699
Federal tax	\$ 16,708

**(END OF APPENDIX D)**